

Mainline 6B 2012 Maintenance and Rehabilitation & Line 6B Replacement Projects
IDEM Water Quality Certification Independent Environmental Monitor Weekly Observation Report

Observation Dates:	12/09/13 thru 12/14/13
IEM Name:	Glen Chandler
Wetland Identification Number(s):	w-488-y, w-489-y, w-490-b, w-491-a, w-492-a, w-493-c, w-494-c, w-495-a, w-496-c, w-497-b, w-500a, w-516-a, w-516-b, w-517-e
Waterbody Identification Number(s):	s-482-b, s-488-a, s-489-b, s-489-z, S-495-a, s-496-c, s-500-a
Enbridge Land Tract Identification Number(s):	n-616-2 ^a -39, n-617-1B, n-618-9H, n-622-6, n-622-1A, n-623-1, n-624-2, n-625-4, n-625-6, n-626-2B-4, n-627-3, n-628-4, n-628-51-1, n-629-2e, n-630-4a, n-631-7f, n-633-2, n-646-6B, n-647-1, n-647-3, n-648-1 ^a , n-648-3 ^a , n-648-2A.
County(s): St. Joseph, LaPorte, Porter	St. Joseph, Porter, LaPorte
<p>12/09/13: The contractor weekly safety meeting was attended. Cold weather conditions were observed during the IEM's inspection of ROW. HDD of w-517-e, Sta.#2771+29, Tract n-647-3 pull through progress slowly. W-516-b, Sta.#2735+10, Tract-n645+5 off Emery rd. observed environmental crews reinstalling ECD's. Division rd. w-495-a, Sta.#1633+34, Tract n-628-4 wetland crossing sheet pile removal was observed. Off the East side of Otis rd. the water body crossing of s-496-c, Sta.#1662+31, Tract n-629-2-1 had environmental crews reinstalling ECD's. 12/10/13: The HDD at w-517-e, Sta.#2765+87, Tract n-647-3 had little progress. W-517-c, Sta.#2762+51, Tract n-647-2 sheet pile started. w-500-a, s-500-c winterization at Sta.#1898+09, Tract n-633-2A was completed. HWY 421 s-497-a, Sta.#1683+25, Tract n-629-4 sheet pile install was observed. W-492-a, Sta.#1429+59, Tract n-625-4 off E. Greening rd. tie-in continues. 12/11/13: The HDD at w-517-e, Sta.#2765+87, Tract n-647-3 had no progress. The Norfolk Southern Rail Road crossing off N.850E. rd Sta.#1533+03, Tract n- 627-1 continues slowly due to unstable soil at bore site however site was in environmental compliance. W-492-a, Sta.#1429+59, Tract n-625-4 off E. Greening rd. tie-in was completed, coating continues. Johnson Ditch s-489-z, Sta.#1260+08, Tract n-622-10 trenching for stream bore began. A plume of sediment was observed in the stream and reported to the area EI Matt Piescher. The EI came on site and mitigated issue in a timely manner by relocating filter bags away from stream. 12/12/13: The HDD at w-517-e, Sta.#2765+87, Tract n-647-3 had no progress. Off Jonathan ct. winterization mulching was observed, Sta.# 1803+58. W-492-a, Sta.#1429+59, Tract n-625-4 off E. Greening rd. trench breakers installed. Johnson Ditch s-489-z, Sta.#1260+08, Tract n-622-10 stream was clear and within compliance. Dewatering was observed 200' west of s-489-z. w-482-a, Sta.#917+01, Tract n-617-8 was successfully crossed. W-482-b, Sta.#9223+38, Tract n-617-b crossing was in progress. 11/13/13: The Norfolk Southern Rail Road crossing off N.850E. rd Sta.#1533+03, Tract n- 627-1 continues slowly due to dewatering difficulties. Johnson Ditch s-489-z, Sta.#1260+08, Tract n-622-10 stream bore continues in compliance. Off Calumet rd. near HWY 49 s-488-a, Sta.#1214+71, Tract n-622-1A was crossed using flume type method. The N.200W. rd. bore began, Sta.#1022+21, Tract n-618-9H. S-482-b, Sta.#923+38, Tract n-617-1B dry stream off N.400 rd. was successfully crossed. A land owner called the IEM concerning the w-517-e, Sta.#2765+87, Tract n-647-3 drilling mud containment. He was assured that cleanup of containment areas (2) would happen as soon as the pipe is pulled through the HDD. His concerns were also brought to the attention of Marty Maupin of IDEM and the area Lead Environmental Inspector. 11/14/13: Weather conditions made work on the pipeline difficult due to the 6" snow storm. The HDD at w-517-e, Sta.#2765+87, Tract n-647-3 resumes progress after the stall. The off ROW HDD drilling mud at Sta.#2800+12 Tract n-648-2a cleanup began. Off HWY 421 sheet pile work continues for s-497-a, Sta.#1684+79, Tract n-630-1. W-492-a, Sta.#1429+59, Tract n-625-4 off E. Greening rd. backfill was observed after successful crossing. Off Calumet rd. near HWY 49 s-488-a, Sta.#1214+71, Tract n-622-1A was backfilled and ECD's were installed. S-482-b, Sta.#923+38, Tract n-617-1B dry stream off N.400 rd. was backfilled and work resumes East of Sta.#928+29, Tract n-617-1B.</p>	



ECD's reinstalled at s-496-c, Sta.#1662+31



Division rd. w-495-a, Sta.#1633+34 sheet pile removal.



HDD pull through progresses at w-517-e, Sta.#2796+50



w-517-e west side drilling mud containment, Sta.#2771+29



w-500-a, s-500-c winterization at Sta.#1898+09



s-489-z plume in stream reported to EI at Sta.#1260+08



Stream crossed off N.400 rd. w-482-a, Sta.#917+01



s-489-z stream clean after mitigation Sta.#1260+08



s-489-z stream bore continues, Sta.#1260+08



Flume type stream crossing at s-488-a, Sta.#1214+71.



Off ROW HDD drilling mud cleanup began. Sta.#2800+12



w-492-a backfill after successful crossing, Sta.#1429+59.

